

Instructions for the use - Installation advices

DUAL FUEL COOKERS

Models:
EEC 863 ..
EEC 963 ..

100% ELBA QUALITY
MADE IN ITALY



ELBA
HOME APPLIANCES



Made in Italy

Dear Customer,

Thank you for having purchased and given your preference to our product.

The safety precautions and recommendations reported below are for your own safety and that of others. They will also provide a means by which to make full use of the features offered by your appliance.

Please preserve this booklet carefully. It may be useful in future, either to yourself or to others in the event that doubts should arise relating to its operation.

This appliance must be used only for the task it has explicitly been designed for, that is for cooking foodstuffs. Any other form of usage is to be considered as inappropriate and therefore dangerous.

The manufacturer declines all responsibility in the event of damage caused by improper, incorrect or illogical use of the appliance.

Read the instructions carefully before installing and using the appliance.

CAUTION: this apparatus must only be installed in a permanently ventilated room in compliance with the applicable regulations.

FIRST USE OF THE OVEN

It is advised to follow these instructions:

- Furnish the interior of the oven as described at chapter “Cleaning and maintenance”.
- Switch on the empty oven on max to eliminate grease from the heating elements.
- Let the oven cool down and clean the interior of the oven with a cloth soaked in water and neutral detergent, then dry carefully.

Important:

This appliance is designed and manufactured solely for the cooking of domestic (household) food and is not suitable for any non domestic application and therefore should not be used in a commercial environment.

This appliance guarantee will be void if the appliance is used within a non domestic environment i.e. a semi commercial, commercial or communal environment.

IMPORTANT PRECAUTIONS AND RECOMMENDATIONS

After having unpacked the appliance, check to ensure that it is not damaged and that the oven door closes correctly. In case of doubt, do not use it and consult your supplier or a professionally qualified technician.

Packing elements (i.e. plastic bags, polystyrene foam, nails, packing straps, etc.) should not be left around within easy reach of children, as these may cause serious injuries.

- Do not attempt to modify the technical characteristics of the appliance as this may cause danger to users.
- Do not carry out cleaning or maintenance operations on the appliance without having previously disconnected it from the electric power supply.
- Do not touch the appliance with wet or damp hands (or feet).
- Do not use the appliance whilst in bare feet.
- If you should decide not to use this appliance any longer (or decide to substitute another model), before disposing of it, it is recommended that it be made inoperative in an appropriate manner in accordance to health and environmental protection regulations, ensuring in particular that all potentially hazardous parts be made harmless, especially in relation to children who could play with unused appliances.
- After use, ensure that the knobs are in the off position.
- Household appliances are not intended to be played with by children.
- Keep children away from the cooker during use.
- Children, or persons with a disability which limits their ability to use the appliance, should have a responsible person to instruct them in its use. The instructor should be satisfied that they can use the appliance without danger to themselves or their surroundings.
- During and after use of the appliance, certain parts will become very hot. Do not touch hot parts. Care should be taken to avoid touching heating elements inside the oven.
- Some appliances are supplied with a protective film on steel and aluminium parts.

This film must be removed before using the appliance.

- **WARNING:** When correctly installed, your product meets all safety requirements laid down for this type of product category. However special care should be taken around the rear or the underneath of the appliance as these areas are not designed or intended to be touched and may contain sharp or rough edges, that may cause injury.
- **Fire risk!** Do not store flammable material in the oven or in the storage compartment (some models only).
- Make sure that electrical cables connecting other appliances in the proximity of the cooker cannot come into contact with the hob or become entrapped in the oven door.
- Do not line the oven walls with aluminium foil. Do not place baking trays or the drip tray on the base of the oven chamber.
- The manufacturer declines all liability for injury to persons or damage to property caused by incorrect or improper use of the appliance.
- The various components of the appliance are recyclable. Dispose of them in accordance with the regulations in force in your country. If the appliance is to be scrapped, remove the power cord.
- Always use oven gloves when removing the shelf and food tray from the oven whilst hot.
- Do not hang towels, dishcloths or other items on the cooker or its handle – as this could be a fire hazard.
- Clean the oven regularly and do not allow fat or oils to build up in the oven base or trays. Remove spillages as soon as they occur.
- Do not stand on the cooker or on the open oven door.
- Always stand back from the cooker when opening the oven door to allow steam and hot air to escape before removing the food.
- **Safe food handling:** Leave food in the oven for as short a time as possible before and after cooking. This is to avoid contamination by organisms which may cause food poisoning. Take particular care during warmer weather.
- **This appliance is for domestic use only.**
- Do not operate your appliance by means of an external timer or separate remote-control system.

1 COOKING HOB

Fig. 1.1

Models EEC 863 ..

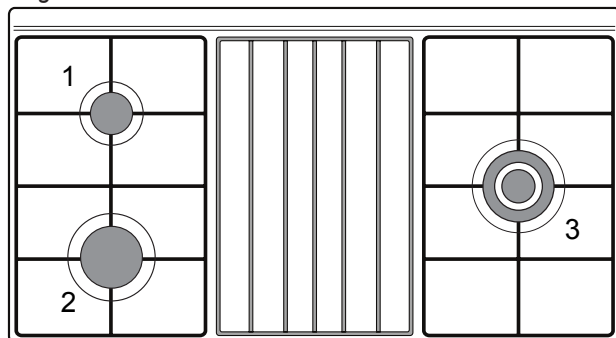
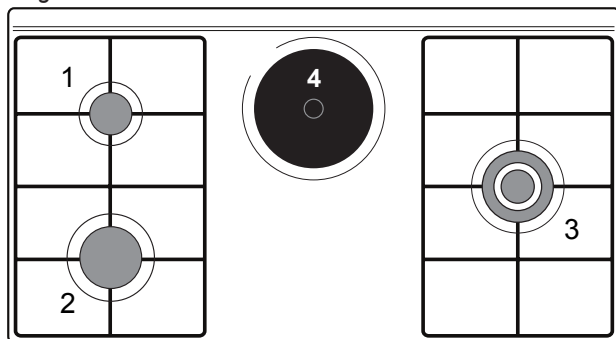


Fig. 1.2

Models EEC 963 ..



GAS BURNERS AND ELECTRICAL PLATES

| | |
|--|---------|
| 1. Semi-rapid burner (SR) | 1,75 kW |
| 2. Rapid burner (R) | 3,00 kW |
| 3. Triple-ring burner (TR) | 3,50 kW |
| 4. Electrical plate - Ø 180 mm, Normal | 1500 W |

2 CONTROL PANEL

Fig. 2.1

Models EEC 863 ..

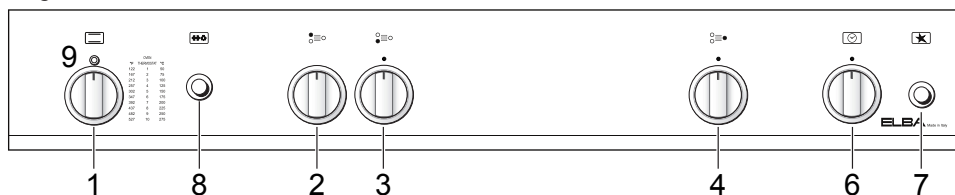
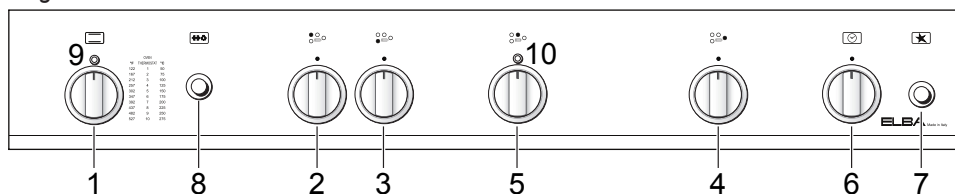


Fig. 2.2

Models EEC 963 ..






CONTROLS DESCRIPTION

1. Electric oven/grill control knob
2. Rear left burner control knob
3. Front left burner control knob
4. Central right burner control knob
5. Rear central electrical plate control knob
6. 60 minutes alarm control knob
7. Gas burners electronic igniter pushbutton
8. Oven light / rotisserie control button
9. Electric oven/grill indicator light
10. Electrical plate indicator light

3 USE OF THE HOB BURNERS

Each burner is controlled by a gas tap (fig. 3.1) assuring the opening and the closing of the gas supply.

Make the knob symbols match with the indicator on the control panel to obtain:

- symbol  : off
- symbol  : full on (nominal rate)
- symbol  : reduced rate

✓ The maximum aperture position permits rapid boiling of liquids, whereas the minimum aperture position allows slower warming of food or maintaining boiling conditions of liquids.

✓ To reduce the gas flow to minimum, rotate the knob further anti-clockwise to point the indicator towards the small flame symbol.

✓ Other intermediate operating adjustments can be achieved by positioning the indicator between the maximum and minimum aperture positions, and never between the maximum aperture and closed positions.

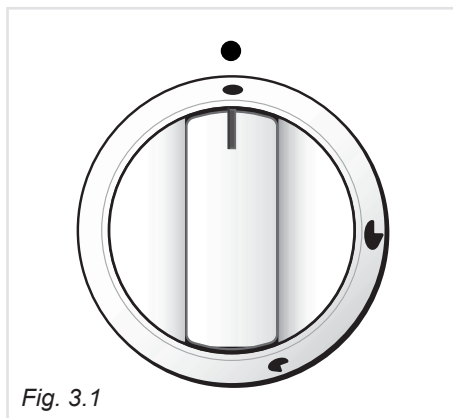


Fig. 3.1

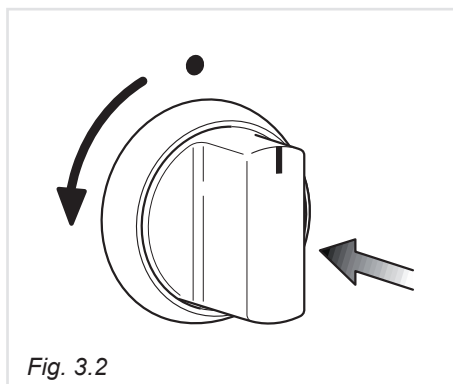


Fig. 3.2

In the event of the burner flames being accidentally extinguished, turn off the burner control and do not attempt to re-ignite the burner for at least 1 min.



N.B. When the cooker is not being used, set the gas knobs to their closed positions and also close the cock valve on the gas bottle or the main gas supply line.

Caution!

The cooking hob becomes very hot during operation. Keep children well out of reach.

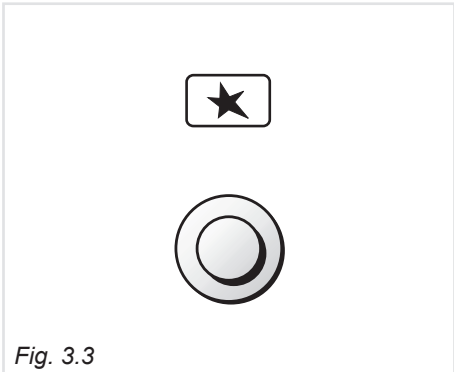
LIGHTING THE BURNERS

To ignite the burner, the following instructions are to be followed:

- 1. Press in the corresponding knob and turn counter-clockwise (fig. 3.2) to the full flame position marked by the  (full on) symbol (fig. 3.1).
- 2. Press the ignition button marked by the symbol  (fig. 3.3).
The sparks produced by the electrodes situated next to the burner will light the selected burner.
In the case of a mains failure light the burner with a match or lighted taper.
- 3. Adjust the gas valve to the desired position.

To turn it off, turn the knob towards the right, up to the safety click.

If your local gas supply makes it difficult to light the burner with the knob set to maximum, set the knob to minimum and repeat the operation.



CHOICE OF THE BURNER

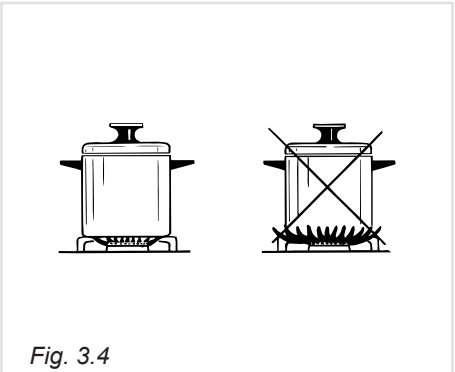
On the control panel, near every knob, there is a diagram that indicates which burner is controlled by that knob.

The suitable burner must be chosen according to the diameter and the capacity used. As an indication, the burners and the pots must be used in the following way:

| DIAMETERS OF PANS WHICH MAY BE USED ON THE BURNERS | | |
|--|-----------|---------|
| BURNERS | MINIMUM | MAXIMUM |
| Semi-rapid | 16 cm | 24 cm |
| Rapid | 24 cm | 26 cm |
| Triple-ring | 26 cm | 28 cm |
| Wok pan | Max 36 cm | |
| do not use pans with concave or convex bases | | |

It is important that the diameter of the pot be suitable to the potentiality of the burner so as not to compromise the high output of the burners and therefore energy waste.

A small pot on a large burner does not give you a boiling point in a shorten amount of time since the capacity of heat absorption of a liquid mass depends on the volume and the surface of the pot.



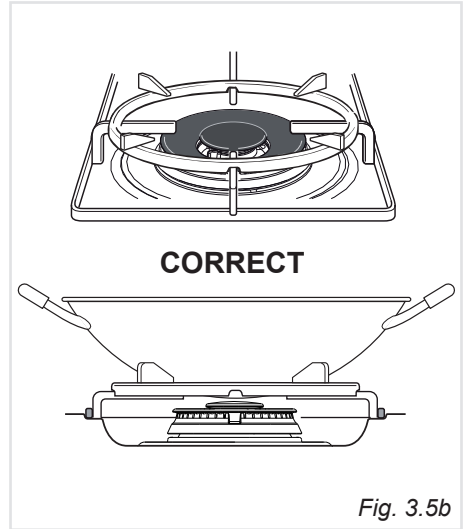
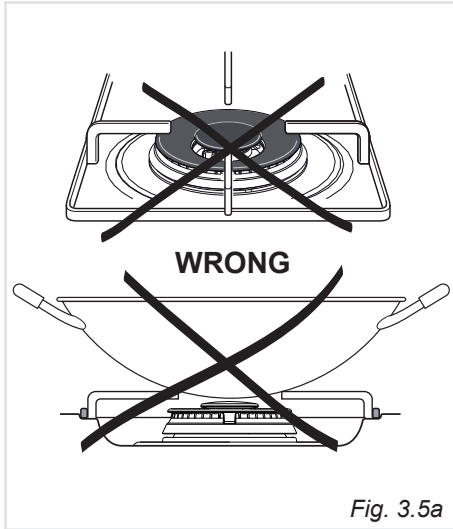
CORRECT USE OF THE TRIPLE-RING BURNER

The flat-bottomed pans are to be placed directly onto the pan-support.

When using a WOK you need to place the supplied stand in the burner to avoid any faulty operation of the triple-ring burner (Figs. 3.5a - 3.5b).

IMPORTANT:

The special grille for wok pans (fig. 3.5b) **MUST BE PLACED ONLY** over the pan-rest for the triple-ring burner.



ELECTRIC HOTPLATE (MODELS “EEC 963 ..” ONLY)

NORMAL HOTPLATE

To switch on the normal hotplate, turn the knob (Fig. 3.6) onto the desired position; the numbers **1** to **6** indicate the working positions with the increase of temperature according to the number.

Position as per figure 3.6 = off.

Once boiling point has been reached, reduce the input according to the heating intensity desired, keeping in mind that the plate will continue to heat for 5 minutes after having been turned off.

PROPER USE OF THE ELECTRIC HOTPLATE (fig. 3.7)

When the pan comes to the boil, turn the heat down to the level desired.

Remember that the hotplate will continue to produce heat for about five minutes after it has been turned off.

While using the electric hotplate, you must:

- avoid keeping it on without something on it;
- avoid pouring liquids on it while it is hot;
- use flat-bottomed (electric hotplate type) pots and pans only
- use cooking receptacles which cover as much of the surface of the hotplate as possible.
- to save electricity, use lids whenever possible.
- never cook food directly on the hotplate: always use a pan or suitable container.

An indicator light located above the knob signals that the hotplate is operating

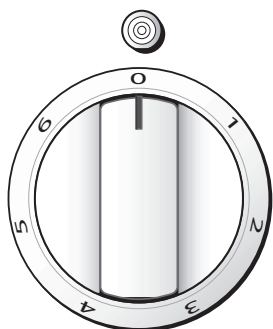


Fig. 3.6

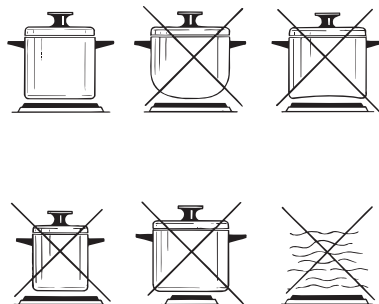
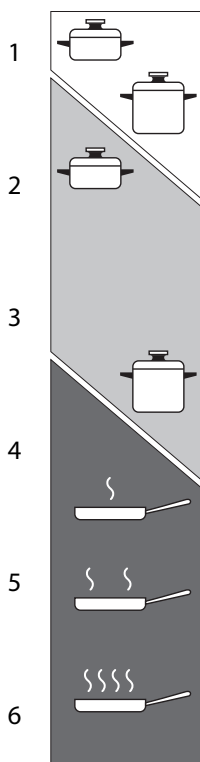


Fig. 3.7

ELECTRIC HOTPLATE USAGE TABLE



Heating



Cooking



Roasting-frying

| Position of switch | TYPE OF COOKING |
|--------------------|---|
| 0 | Switched OFF |
| 1 2 | For melting operations (butter, chocolate). |
| 2 | To maintain food hot and to heat small quantities of liquid (sauces, eggs). |
| 3 | To heat bigger quantities; to whip creams and sauces. (vegetables, fruits, soups). |
| 3 4 | Slow boiling, i.e.: boiled meats, spaghetti, soups, continuations of steam, cooking of roasts, stews, potatoes. |
| 4 | For every kind of frying, cutlets, uncovered cooking, i.e.: risotto. |
| 4 5 | Browning of meats, roasted potatoes, fried fish, omelettes, and for boiling large quantities of water. |
| 6 | Fast frying, grilled steaks, etc. |

After a short period of use, experience will teach you which setting is the right one for your needs.

Fig. 3.8

4 NATURAL CONVECTION ELECTRIC OVEN

The glass of the oven door reaches high temperatures during operation. Keep children away.

The cooker lid must be kept open when the oven or the grill is in use.

GENERAL FEATURES

The oven is furnished completely clean; it is advisable, however, upon first use, to turn the oven on to the maximum temperature for about 15 minutes to eliminate possible traces of grease on the heating elements.

The oven is equipped with 3 electrical heating elements:

- 2 elements (upper and lower) for normal oven cooking;
- 1 grill element, on the top of the oven, for grilling which must be done with the oven door slightly open and with the protection shield for the control panel mounted.

The input of the element is:

- upper element, 960 W;
- lower element, 1340 W;
- grill element, 1900 W.

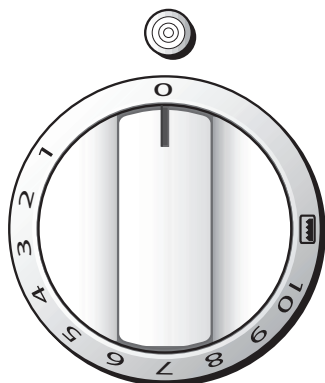




Fig. 4.1

ELECTRICAL THERMOSTAT

Turn on the oven or grill element by turning the switch that is also provided with a thermostat to control the oven temperature. On the knob (fig. 4.1), other than the "0" position (off), are numbers "1 to 10" which indicate the oven temperature value with the temperature increase according to the number (see table 4.2).

The position  serves only for grilling with the oven door slightly open and with the protection shield for the control panel mounted.

The switch/thermostat symbols indicate:

- Position "0" = off
- Position from "1 to 10" = simultaneous operation of the 2 elements (upper and lower). The numbers correspond to the temperature shown in the table 4.2. The elements will turn on and off automatically depending on the temperature required commanded by the thermostat.
- Position  = grill element in operation without temperature control (see specific paragraph).

The automatic turning on and off of the elements is signalled by a light above the knob.

| OVEN | | |
|------|------------|-----|
| °F | THERMOSTAT | °C |
| 122 | 1 | 50 |
| 167 | 2 | 75 |
| 212 | 3 | 100 |
| 257 | 4 | 125 |
| 302 | 5 | 150 |
| 347 | 6 | 175 |
| 392 | 7 | 200 |
| 437 | 8 | 225 |
| 482 | 9 | 250 |
| 527 | 10 | 275 |

Table 4.2

WARNING:
The door is hot, use the handle.

During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.

OVEN COOKING

To cook, before introducing the food, preheat the oven to the desired temperature.

When the oven has reached the desired temperature, introduce the food, control the cooking time and turn off the oven 5 minutes before the theoretical time to recuperate the stored heat

For orientative purposes only, some oven cooking indications are shown on the following table:

| THERMOSTAT POSITION | DISHES |
|---------------------|--|
| 1 - 4 | Heating of foods |
| 4 - 5 | Meringue - Fruit pies Cooked fruit |
| 5 - 6 | Cakes - Amaretti, Vegetables |
| 6 | Lasagna - Cakes |
| 6 - 7 | Roast veal - Pie crusts |
| 8 | Wild game - Birds Small fish - Roast pork |
| 9 | Large fish Roast beef |
| 9 - 10 | Pizza - Red meats |
| 10 | Toasted sandwiches |
| 10 | Oven cleaning |

USE OF THE GRILL

Very important: The grill must always be used with the oven door slightly open and with shield “A” mounted (fig. 4.3).

Mount shield “A” which permits to protect the control panel from the heat.

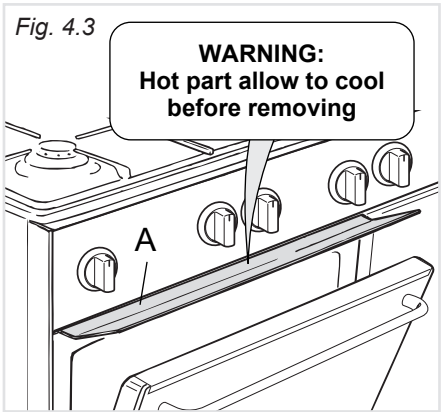
Turn on the grill, as explained in the preceding paragraphs and let the oven preheat for about 5 minutes with the door slightly open.

Introduce the food to be cooked, positioning the rack as close to the grill as possible.

The dripping pan should be placed under the rack to catch the cooking juices and fats.

Note: It is recommended that you do not grill for longer than 30 minutes at any one time.

The oven door becomes very hot during operation. Keep children away.




ROTISSERIE

The oven is equipped with a rotisserie for cooking on the spit using the grill.

This device is made up of:

- an electrical motor mounted on the rear part of the oven;
- a stainless steel rod, equipped with a detachable athermic grip and 2 recordable forks;
- a rod support to be inserted into the central rack holders of the oven.

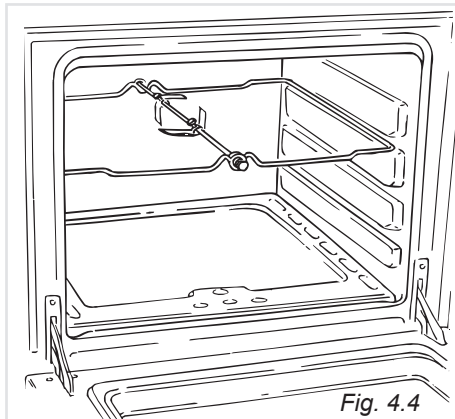
The rotisserie motor is operated by the switch indicated by the symbol  on the control panel (fig. 4.5).

USE OF THE ROTISSERIE

Very important: The rotisserie must always be used with the oven door slightly open and with shield "A" mounted (Fig. 4.3).


- Insert the dripping pan into the lowest rack holders of the oven and insert the rod support into the intermediate rack holders.
- Put the meat to be cooked onto the rod, being careful to secure it in the center with the special forks.
- Insert the rod into the motor opening and rest it onto the support of the spit collar; then remove the grip by turning it to the left.

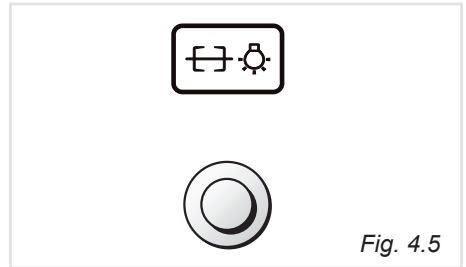
The rotation direction of the rotisserie can be either clockwise or counter-clockwise.



OVEN LIGHT

The oven is equipped with a light that illuminates the oven to enable visually controlling the food that is cooking.

This light is controlled by the switch indicated by the symbol  on the control panel (fig. 4.5).



5 60' ALARM

60 MINUTES ALARM (Fig. 5.1)

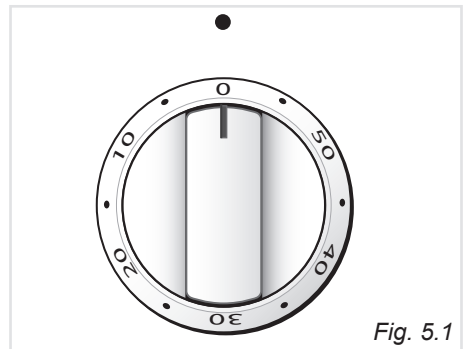
The minute counter is a timed acoustic warning device which can be set for a maximum of 60 minutes.

The knob must be rotated clockwise as far as the 60 minute position and then set to the required time by rotating it anticlockwise.

IMPORTANT WARNING:

This is only a mechanical timer.

Remember to turn off the oven/grill manually.



GENERAL ADVICE

- **Before you begin cleaning, you must ensure that the appliance is switched off and disconnected from the electrical power supply.**
- When the appliance is not being used, it is advisable to keep the gas tap closed.
- The periodical lubrication of the gas taps must be done only by specialized personnel.
- If a tap becomes stiff, do not force; contact your local After Sales Service Centre.
- It is advisable to clean when the appliance is cold and especially when cleaning the enamelled parts.
- Avoid leaving alkaline or acidic substances (lemon juice, vinegar, etc.) on the surfaces.
- Avoid using cleaning products with a chlorine or acidic base.
- Important: The use of suitable protective clothing/gloves is recommended when handling or cleaning of this appliance.

WARNING

When correctly installed, your product meets all safety requirements laid down for this type of product category.

However special care should be taken around the rear or the underneath of the appliance as these areas are not designed or intended to be touched and may contain sharp or rough edges, that may cause injury.

Attention! The appliance gets very hot, mainly around the cooking areas. It is very important that children are not left alone in the kitchen when you are cooking.

Do not use a steam cleaner because the moisture can get into the appliance thus make it unsafe.

Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass or the glass lid (models with glass lid only) since they can scratch the surface, which may result in shattering of the glass.

ENAMELLED PARTS

All the enamelled parts must be cleaned with a sponge and soapy water or other non-abrasive products.

Dry preferably with a microfibre or soft cloth.

Acidic substances like lemon juice, tomato sauce, vinegar etc. can damage the enamel if left too long.

STAINLESS STEEL, ALUMINIUM PARTS, PAINTED AND SILK-SCREEN PRINTED SURFACES

Clean using an appropriate product.

Always dry thoroughly.

IMPORTANT: these parts must be cleaned very carefully to avoid scratching and abrasion. You are advised to use a soft cloth and neutral soap.

CAUTION: Do not use abrasive substances or non-neutral detergents as these will irreparably damage the surface.

GAS TAPS

Periodic lubrication of the gas taps must be carried out by specialist personnel only. In the event of operating faults in the gas taps, call the Service Department.

INSIDE OF OVEN

The oven should always be cleaned after use when it has cooled down.

The cavity should be cleaned using a mild detergent solution and warm water.

Suitable proprietary chemical cleaners may be used after first consulting with the manufacturers recommendations and testing a small sample of the oven cavity. Abrasive cleaning agents or scouring pads/cloths should not be used on the cavity surface.

NOTE: The manufacturers of this appliance will accept no responsibility for damage caused by chemical or abrasive cleaning.

Let the oven cool down and pay special attention no to touch the hot heating elements inside the oven cavity.

Fire risk! Do not store flammable material in the oven.

OVEN DOOR

The internal glass of the oven door can be easily removed for cleaning by unscrewing the two lateral fixing screws (fig. 6.1).

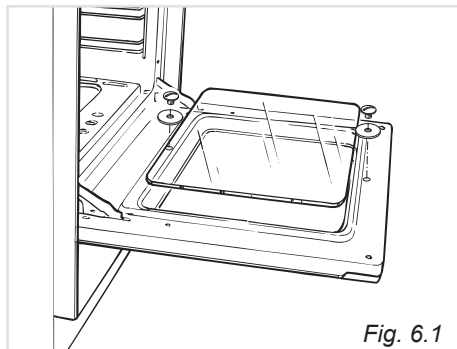


Fig. 6.1

BURNERS

They can be removed and washed with soapy water only.

They will remain always perfect if cleaned with products used for silverware.

After cleaning or wash, check that burner-caps and burner-heads are dry before placing them in the respective housings.

Check that the electrode **S** (figs. 6.2, 6.4) next to each burner is always clean to ensure trouble-free sparking.

Note: The electrode “S” must be very carefully cleaned.

To avoid damage to the electric ignition do not use it when the burners are not in place.

CORRECT REPLACEMENT OF THE SEMI-RAPID AND RAPID BURNERS

It is very important to check that the burner flame distributor “**F**” and the cap “**C**” has been correctly positioned (see figs. 6.2-6.3) - failure to do so can cause serious problems.

CORRECT REPLACEMENT OF THE TRIPLE RING BURNER

The triple ring burner must be correctly positioned (see fig. 6.6); the burner rib must be enter in their logement as shown by the arrow (see fig. 6.4).

The burner correctly positioned must not rotate (fig. 6.5).

Then position the cap **A** and the ring **B** (figs. 6.5 - 6.6).

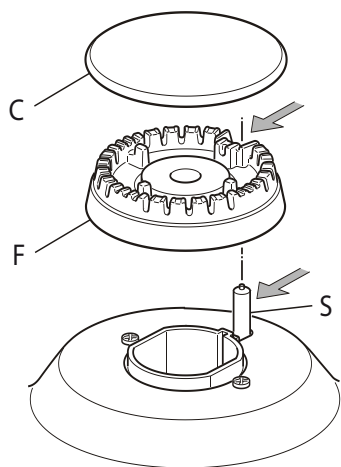


Fig. 6.2

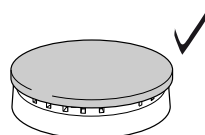
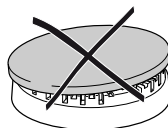
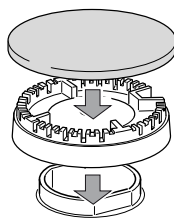


Fig. 6.3

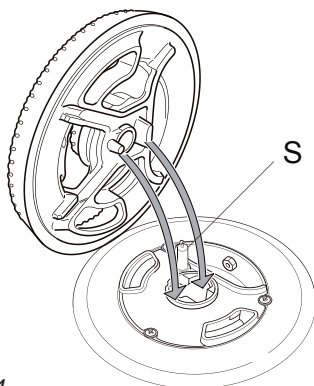


Fig. 6.4

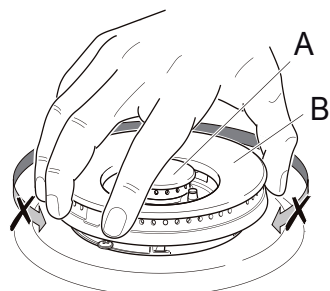


Fig. 6.5

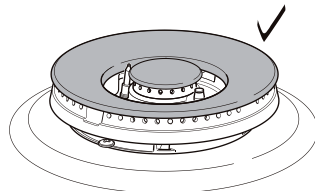
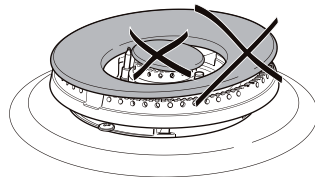
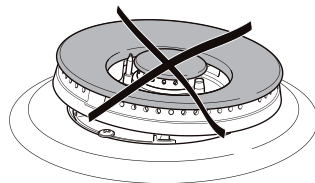


Fig. 6.6

GLASS LID (only for models with glass lid)

For cleaning purposes, the lid can be easily removed upwards once taken to the upright position.

Should the hinges slip off, replace them in their housing being careful that:

- The right housing must receive the hinge marked “D” while the left housing must receive the hinge marked “S” (Fig. 6.7)

REGULATING OF THE BALANCE

Lower the lid and check the correct balance. While opened at 45° it should hang up.

If necessary, register the calibration of the hinge springs using the screws “R” (fig. 6.7).

SUBSTITUTION OF THE OVEN LIGHT

WARNING: Ensure the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.

- Let the oven cavity and the heating elements to cool down.
- Switch off the electrical supply.
- Remove the protective cover.
- Unscrew and replace the bulb with a new one suitable for high temperatures (300°C) having the following speci-

fications: 230V, E14 and same power (check watt power as stamped in the bulb itself) of the replaced bulb.

- Refit the protective cover.

Note: Oven bulb replacement is not covered by your guarantee.

Models with glass lid



Do not shut lid when burner alight.

ATTENTION

- ✓ Do not lower the glass lid when the gas burner or electrical plates are still hot or when the oven is working or still hot.
- ✓ Do not lay on the glass lid hot pans and heavy kitchen utensils.
- ✓ Dry off any liquid which may have spilt on the cover before opening it.

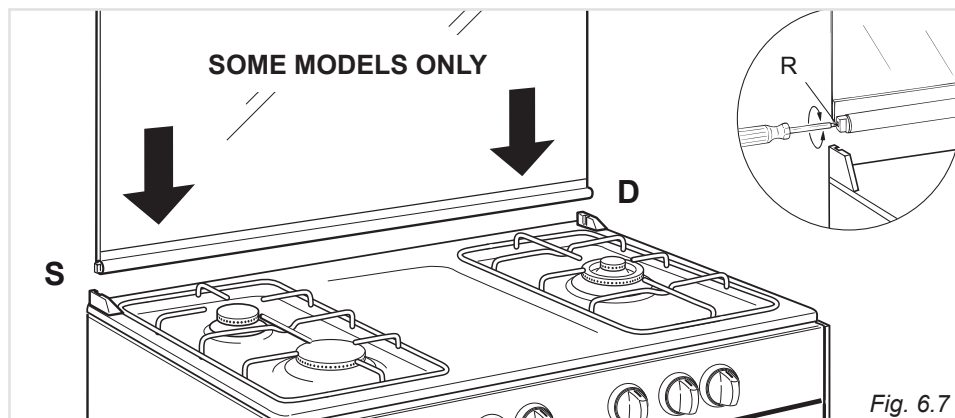


Fig. 6.7

Advice for the installer

IMPORTANT

- Cooker installation must only be carried out by QUALIFIED TECHNICIANS and in compliance with local safety standards. Failure to install the appliance correctly could invalidate any manufacturer's warranty.
- The appliance must be installed in compliance with regulations in force in your country and in observation of the manufacturer's instructions.
- Always disconnect the appliance from the power supply before carrying out any maintenance operations or repairs.
- Some appliances are supplied with a protective film on steel and aluminium parts. **This film must be removed before using the cooker.**

7 INSTALLATION

The cooker affords class “1” protection against overheating of surrounding surfaces. The installation conditions, concerning protection against overheating of the surfaces adjacent to the cooker, must conform to Figs. 7.1 and 7.2.

A space of at least 2 cm must be left between the cooker and any adjacent furniture, which must not exceed the height of the cooktop.

If the cooker is installed adjacent to furniture which is higher than the gas hob cooktop, a gap of at least 30 cm must be left between the side of the cooker and the furniture.

The veneered syntetical material and the glue used must be resistant to a temperature of 90°C in order to avoid ungluing or deformations.

Curtains must not be fitted immediatly behind appliance or within 500 mm of the sides.

If the cooker is located on a pedestal it is necessary to provide safety measures to prevent falling out.

The appliance must be housed in heat resistant units.

The walls of the units must not be higher than work top and must be capable of resisting temperatures of 75 °C above room temperature.

Do not instal the appliance near inflammable materials (eg. curtains).

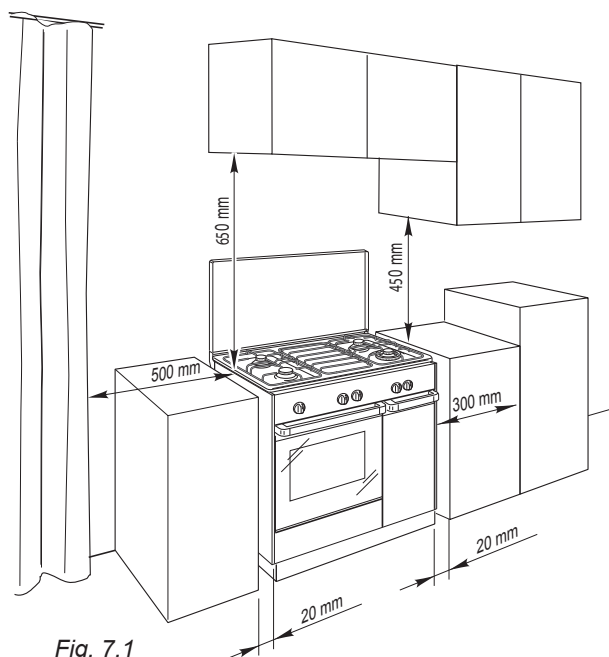


Fig. 7.1

■ Class 1

Gas connection made using rubber hose which must be visible and easily inspected or using rigid or flexible metal pipe.

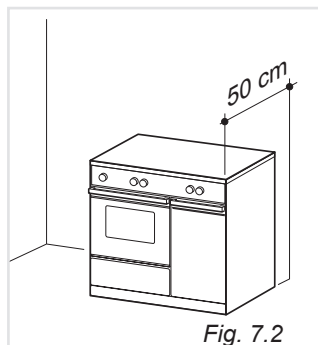


Fig. 7.2

VENTILATION REQUIREMENTS

The appliance must be installed in compliance with applicable local regulations concerning ventilation and the evacuation of exhaust gases.

Intensive and prolonged use may require extra ventilation, e.g. opening a window, or more efficient ventilation increasing the mechanical suction power if this is fitted.

CHOOSING SUITABLE SURROUNDINGS

The room where the gas appliance is to be installed must have a natural flow of air so that the gas can burn (in compliance with applicable local regulations).

The flow of air must come directly from one or more openings made in the outside walls with a free area of at least 200 cm² (or refer to applicable local regulations).

The openings should be near the floor and preferably on the side opposite the exhaust for combustion products and must be so made that they cannot be blocked from either the outside or the inside.

When these openings cannot be made, the necessary air can come from an adjacent room which is ventilated as required, as long as it is not a bed room or a danger area (in compliance with applicable local regulations).

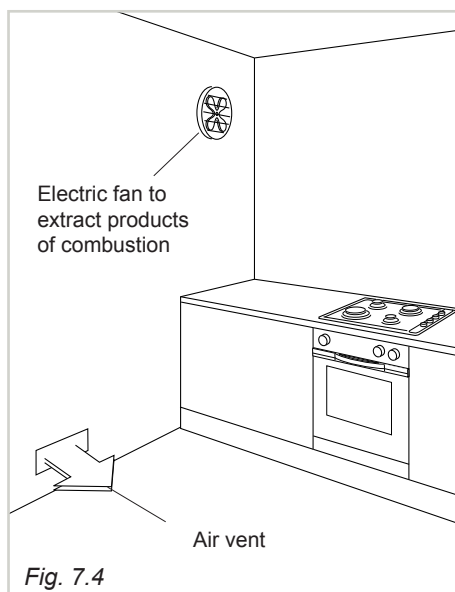
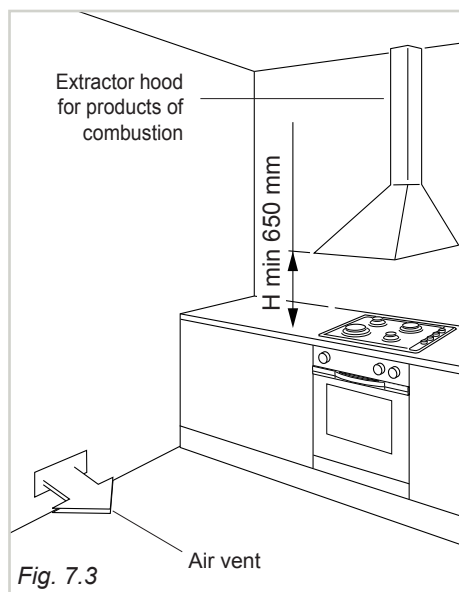
In this case, the kitchen door must allow the passage of the air.

DISCHARGING PRODUCTS OF COMBUSTION

Extractor hoods connected directly to the outside must be provided, to allow the products of combustion of the gas appliance to be discharged (Fig. 7.3).

If this is not possible, an electric fan may be used, attached to the external wall or the window; the fan should have a capacity to circulate air at an hourly rate of 3-5 times the total volume of the kitchen (Fig. 7.4).

The fan can only be installed if the room has suitable vents to allow air to enter, as described under the heading "Choosing suitable surroundings".



GAS INSTALLATION REQUIREMENTS

Important !

- The walls adjacent to the cooker must be of heat-resistant material.
- Before installation, make sure that the local distribution conditions (gas type and pressure) and the adjustment of this appliance are compatible. The appliance adjustment conditions are given on the plate or the label.
- This appliance must be installed and serviced only by a suitably qualified, registered installer. The installer shall refer to the local standards in force.
- Failure to install the appliance correctly could invalidate any manufacturer's warranty.

This appliance is supplied for use on Natural gas, LPG or Town Gas (check the gas regulation label attached on the appliance).

- Appliances supplied for use on Natural gas: they are adjusted for this gas only and cannot be used on any other gas (LPG or Town gas) without modification.
The appliances are manufactured for conversion to LPG and Town gas.
- Appliances supplied for use on LPG: they are adjusted for this gas only and cannot be used on any other gas (Natural or Town gas) without modification.
The appliances are manufactured for conversion to Natural and Town gas.
- Appliances supplied for use on Town gas: they are adjusted for this gas only and cannot be used on any other gas (Natural gas or LPG) without modification.
The appliances are manufactured for conversion to Natural gas and LPG.

If the Natural gas/LPG/Town gas conversion kit is not supplied with the appliance this kit can be purchased by contacting the After-Sales Service.

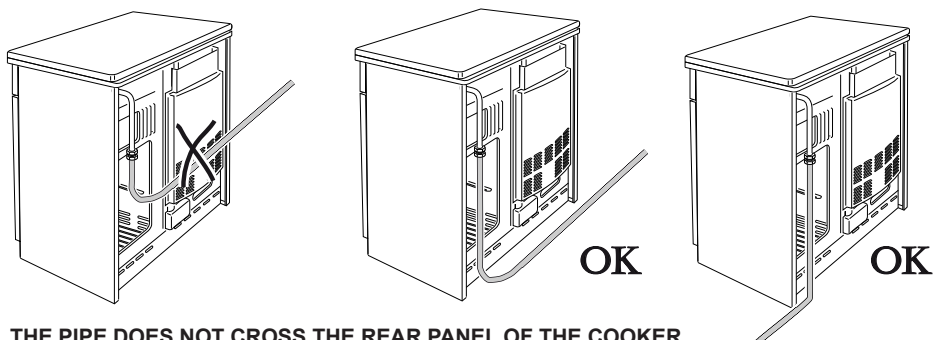
CONNECTING THE APPLIANCE TO THE GAS SUPPLY

The gas connection must be carried out by an authorised person according to the relevant standards.

Ensure that the room in which the cooker is to be installed is adequately ventilated, in compliance with applicable regulations.

- Connect the cooker to the gas mains utilizing rigid or flexible pipes.
- The gas supply is connected at the rear of the cooker to the terminal of the gas inlet pipe (Fig. 8.1).
The connection pipe must not cross the rear of the appliance.

IF CONNECTING THE APPLIANCE TO A GAS CYLINDER POSITIONED INSIDE THE GAS COMPARTMENT, FOLLOW ALSO THE INFORMATION AS PER CHAPTER “GAS CYLINDER CONNECTION” AND FIGURE 8.4.



**THE PIPE DOES NOT CROSS THE REAR PANEL OF THE COOKER.
IN CASE OF CROSSING THE BACK PANEL, ENSURE THE PIPE IS POSITIONED
CLOSE TO THE BOTTOM PART OF THE APPLIANCE.**

Fig. 8.1

POSSIBLE GAS CONNECTIONS

GAS CONNECTION WITH A RUBBER HOSE

Important!

A rubber hose connection shall only be made if permitted by the applicable local regulations.

The gas connection is made up of:

- the terminal fitting of the inlet pipe;
- the brass connector;
- sealing washers;
- the appropriate hose holder (for Natural/Town gas or LPG).

Important! If the brass connector is not already fitted on the appliance (but supplied in a separate kit), screw that connector to the terminal of the gas inlet pipe before starting the connection to the gas supply.

Use two spanners when connecting the brass connector.

Connecting the cooker to Natural or Town gas

1. If not already fitted, fit the Natural/Town gas hose holder on the inlet pipe, making sure that you place the sealing washer between them (as shown in Fig. 8.2).

2. Connect the cooker to the gas supply using a suitable rubber hose (internal diameter 13 mm). The hose must comply with the applicable local regulations and be of the correct construction for the type of gas being used.
3. Make sure that the hose is tightly and securely fitted at both ends.
4. Use a standard hose clamp (not supplied) to fasten the hose.

Connecting the cooker to LPG

1. If not already fitted, fit the LPG hose holder on the inlet pipe, making sure that you place the sealing washer between them (as shown in Fig. 8.2).
Important! The LPG hose holder is composed by Natural/Town gas hose holder with LPG hose adapter screwed at the bottom end (interposing the proper sealing washer between them).
2. Connect the cooker to the gas supply using a suitable rubber hose (internal diameter 8 mm).
The hose must comply with the applicable local regulations and be of the correct construction for the type of gas being used.
3. Make sure that the hose is tightly and securely fitted at both ends.
4. Use a standard hose clamp (not supplied) to fasten the hose.
5. Install a gas pressure regulator.

Important! To comply with applicable local regulations, a gas pressure regulator (conforming to the local regulations in force) must be installed when connecting the cooker to an LPG cylinder.

When connecting the cooker to the gas supply with a rubber hose, make sure that

- the hose is as short as possible, without twists or kinks.
- the hose is not longer than 750 mm (or refer to applicable local regulations) and does not come into contact with sharp edges, corners or moving parts. Use a single rubber hose only; never connect the appliance with more than one rubber hose.
- the hose is not under tension, twisted, kinked, or too tightly bent, neither while the appliance is in use nor while it is being connected or disconnected.
- the hose does not come into contact with any part of the cooker with a surface temperature of 70°C or above (or refer to applicable local regulations).
- the hose is not subject to excessive heat by direct exposure to flue products or by contact with hot surfaces.
- the hose can easily be inspected along its entire length to check its condition.
- the hose is replaced at the printed due date or if it shows signs of wear or damage, and replaced regardless of its condition after a maximum of three years.
- you inform the customer that the gas cylinder valve or the gas supply valve immediately by the cooker should be closed when the cooker is not in use.
- you inform the customer that the hose should not be subjected to corrosion by acidic cleaning agents.

After connecting the cooker to the gas supply, make sure that you

- check that the connections are correctly sealed using a soapy solution, but never a naked flame.
- check whether the injectors are correct for the type of gas being used. If not, follow the instructions under "GAS MAINTENANCE".
- replace the sealing washer/s on the slightest sign of deformation or imperfection. The sealing washer/s is/are the part/s which guarantees a good seal in the gas connection.
- use two spanners when fitting the parts (Fig. 8.2).

Gas connection with rubber hose holders

Note: if not already fitted on the inlet pipe, the hose holders are supplied with the product in a separate kit.

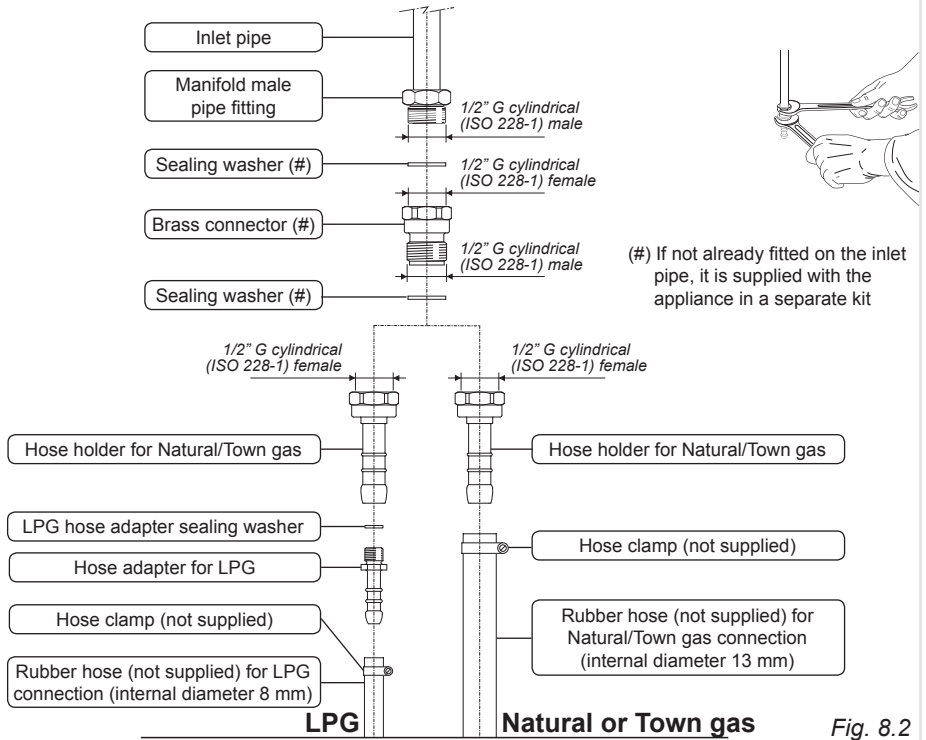


Fig. 8.2

GAS CONNECTION WITH RIGID PIPES OR A FLEXIBLE PIPE

The gas connection is made up of:

- the terminal fitting of the inlet pipe;
- the brass connector;
- sealing washers.

Important!

- If fitted, remove the hose holder from the terminal fitting of the inlet pipe.
- If the brass connector is not already fitted on the appliance (but supplied in a separate kit), screw that connector to the terminal of the gas inlet pipe before starting the connection to the gas supply.

Use two spanners when connecting the brass connector.

When connecting the cooker to the gas supply with rigid pipes or a flexible pipe, make sure that

- you use rigid pipes or a flexible pipe complying with applicable local regulations. The flexible pipe shall be of the correct construction for the type of gas being used.
- if compression fittings are used, you tighten them firmly using two spanners (Fig. 8.3).
- the connection with rigid metal pipes does not cause stress or pressure to the gas piping.
- the flexible pipe is not under tension, twisted, kinked or too tightly bent, neither while the appliance is in use nor while it is being connected or disconnected.

- the flexible pipe does not exceed 2000 mm in length (or refer to applicable local regulations) and does not come into contact with sharp edges, corners or moving parts. Use a single flexible pipe only; never connect the cooker with more than one flexible pipe.
- the flexible pipe can easily be inspected along its entire length to check its condition; if it has an expiry date, it should be replaced before that date.
- if using a flexible pipe which is not entirely made of metal, make sure that it does not come into contact with any part of the cooker with a surface temperature of 70°C or above (or refer to applicable local regulations).
- the hose is not subject to excessive heat by direct exposure to flue products or by contact with hot surfaces.
- the rigid or flexible pipe is replaced if it shows signs of wear or damage.
- a gas pressure regulator, in compliance with the applicable local regulations, is installed when connecting to an LPG cylinder.
- you inform the customer that the cylinder valve or the supply valve immediately by the appliance should be closed when the cooker is not in use.
- you inform the customer that the rigid or flexible pipe should not be subjected to corrosion by acidic cleaning agents.

After connecting the cooker to the gas supply, make sure that you

- check that the connections are correctly sealed using a soapy solution, but never a naked flame.
- check whether the injectors are correct for the type of gas being used. If not, follow the instructions under “GAS MAINTENANCE”.
- replace the sealing washer/s on the slightest sign of deformation or imperfection. The sealing washer/s is/are the part/s which guarantee/s a good seal in the gas connection.
- use two spanners when connecting the rigid or flexible pipe (Fig. 8.3).

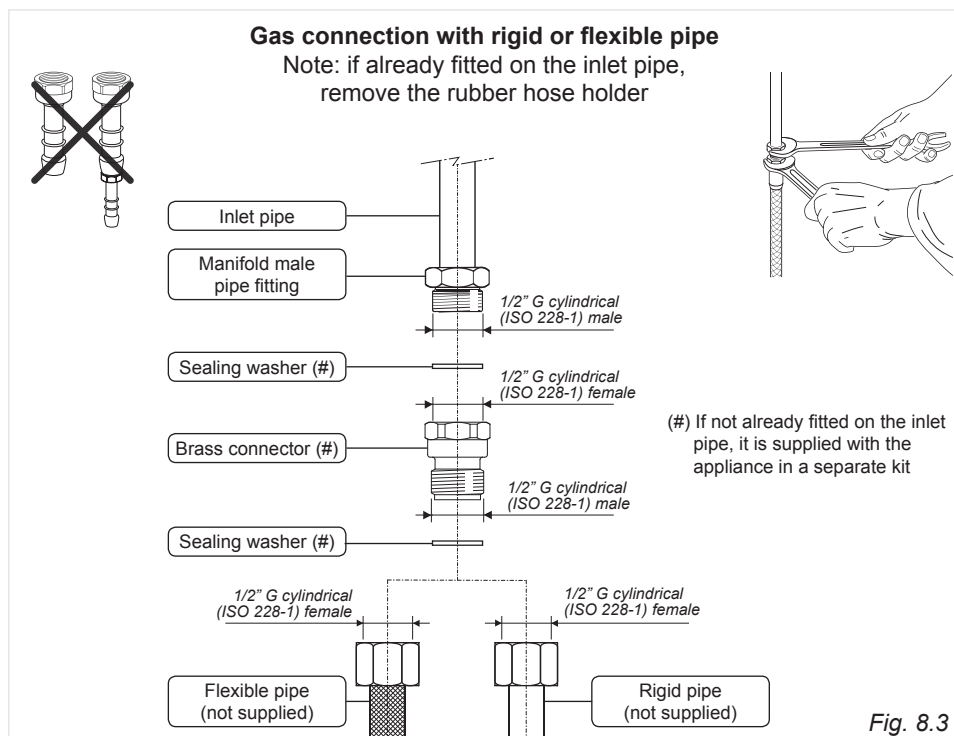


Fig. 8.3

GAS CYLINDER CONNECTION

The connection between the hose connector on the cooker and the regulator of the gas cylinder must be made using a 60 cm long flexible hose conforming to applicable standards, and hose clamps.

The connection hose must be inserted in the hose support (fig. 8.4) and pushed over the hose connectors to the full depth.

IMPORTANT:

Only 13 kg maximum cylinders may be used in the cylinder compartment, and they must be positioned in such a way that the regulator and shut-off cock are easily accessible.

When changing the gas cylinder, do not withdraw the hose from the support.

Installation and replacement of gas cylinders must only be carried out by qualified persons.

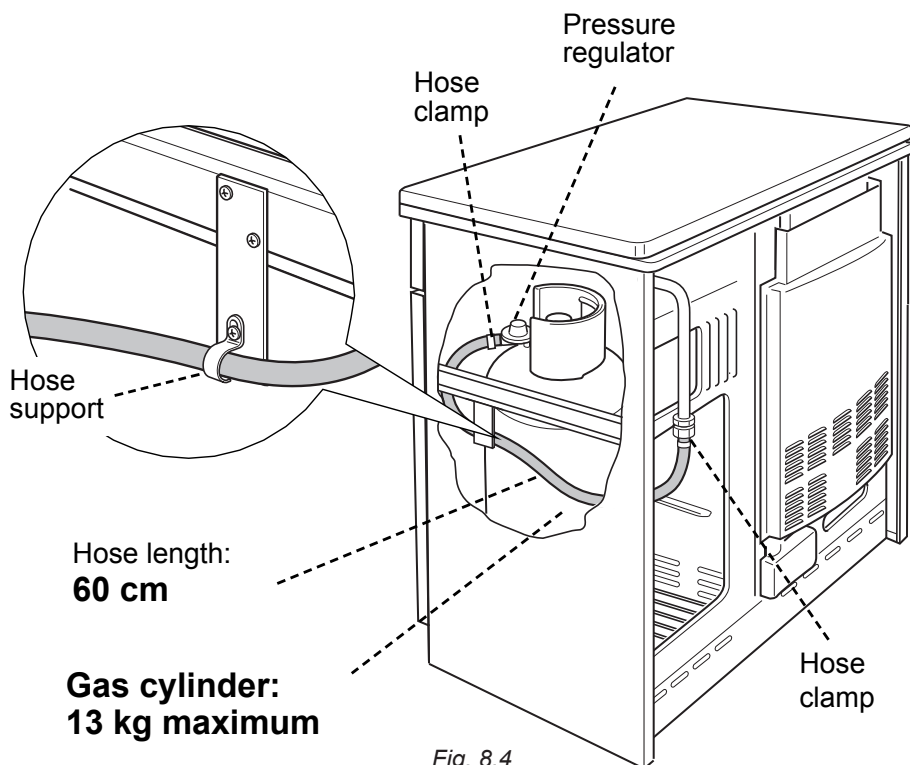


Fig. 8.4

GAS MAINTENANCE

TABLE FOR THE CHOICE OF THE INJECTORS

| BURNERS | Nominal power [kW] | Reduced power [kW] | LPG G30 28-30 mbar G31 37 mbar | Natural Gas G20 20 mbar | Town Gas G110 8 mbar |
|------------------|-----------------------|-----------------------|---|-----------------------------------|--------------------------------|
| | | | Ø injector [1/100 mm] | Ø injector [1/100 mm] | Ø injector [1/100 mm] |
| Semi-rapid (SR) | 1,75 | 0,45 | 66 | 101 | 192 |
| Rapid (R) | 3,00 | 0,75 | 87 | 129 | 280 |
| Triple-ring (TR) | 3,50 | 1,50 | 93 | 135 | 310 |

AIR VENT NECESSARY FOR GAS COMBUSTION = (2 m³/h x kW)

| BURNERS | Air necessary for combustion [m³/h] |
|------------------|-------------------------------------|
| Semi-rapid (SR) | 3,50 |
| Rapid (R) | 6,00 |
| Triple-ring (TR) | 7,00 |

LUBRICATION OF THE GAS TAPS

- In case of difficulty in the gas taps operation, call Service.

IMPORTANT

All intervention regarding installation maintenance of the appliance must be fulfilled with original factory parts.

The manufacturer declines any liability resulting from the non-compliance of this obligation.

REPLACEMENT OF THE INJECTORS

If the injectors are not supplied they can be obtained from the “Service Centre”.

Select the injectors to be replaced according to the “Table for the choice of the injectors”.

The nozzle diameters, expressed in hundredths of a millimetre, are marked on the body of each injector.

REPLACEMENT OF THE INJECTORS OF THE COOKTOP BURNERS

To replace the injectors proceed as follows:

- Remove pan supports and burners from the cooktop.
- Using a wrench, substitute the nozzle injectors “J” (figs. 8.5a - 8.5b) with those most suitable for the kind of gas for which it is to be used.

The burners are conceived in such a way so as not to require the regulation of the primary air.

ADJUSTING OF THE MINIMUM OF THE COOKTOP BURNERS

In the minimum position the flame must have a length of about 4 mm and must remain lit even with a quick turn from the maximum position to that of minimum.

The flame adjustment is done in the following way:

- Turn on the burner.
- Turn the tap to the MINIMUM position.
- Take off the knob.
- With a small flat screwdriver turn the screw inside the tap rod to the correct regulation (fig. 8.6).

Normally for G30/G31 (LPG), tighten up the regulation screw.

Semi-rapid and rapid burners

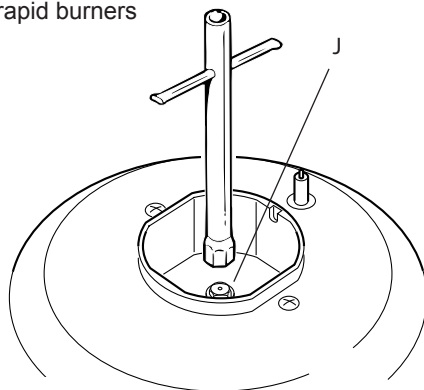


Fig. 8.5a

Triple-ring burner

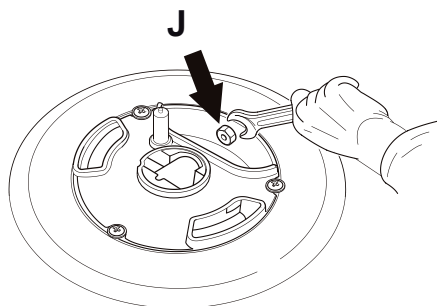


Fig. 8.5b

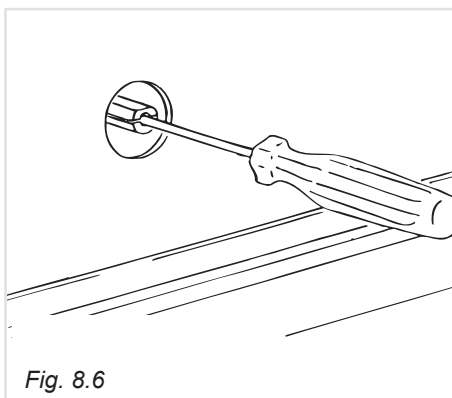


Fig. 8.6

IMPORTANT: The cooker must be installed in accordance with the manufacturer's instructions.

Incorrect installation, for which the manufacturer accepts no responsibility, may cause damage to persons, animals and things.

GENERAL

- Connection to the mains must be carried out by qualified personnel in accordance with current regulations.
- The appliance must be connected to the mains checking that the voltage corresponds to the value given in the rating plate and that the electrical cable sections can withstand the load specified on the plate.
- Only for models without electric hotplate (EEC 863 ..):
 - The cooker is supplied without a power supply plug and therefore if you are not connecting directly to the mains, a standardized plug suitable for the load must be fitted.
 - The plug must be connected to an earthed socket in compliance with safety standards.
- If the cooker is to be connected directly to the mains, it must be placed with an omnipolar switch with minimum opening between the contacts of 3 mm between the appliance and the mains.
- The power supply cable must not touch the hot parts and must be positioned so that it does not exceed 75°C at any point.
- Once the cooker has been installed, the switch or socket must always be accessible.
- If the power supply cable is damaged it must be substituted by a suitable cable available in the after sales service.

N.B. For connection to the mains, do not use adapters, reducers or branching devices as they can cause overheating and burning.

If the installation requires alterations to the domestic electrical system, call an expert. He should also check that the domestic electrical system is suitable for the power absorbed by the appliance.

Before effecting any intervention on the electrical parts of the appliance, the connection to the network must be interrupted.

The connection of the appliance to earth is mandatory.

The manufacturer declines all responsibility for any inconvenience resulting from the inobservance of this condition.

ELECTRICAL FEEDER CABLE CONNECTION

The operations must be executed by a qualified technician.

To connect the supply cable:

- Remove the screws securing the cover “A” on the rear of the cooker (fig. 9.1).
- Feed the supply cable through the cable clamp “C” (fig. 9.1). The supply cable must be of a suitable size for the current requirements of the appliance; see the section “Feeder cable specifications”.
- Connect the wires to the terminal block “B” as shown in the diagram in figure 9.2.
- Take up any slack in the cable and secure with the cable clamp “C”.
- Replace the cover “A”.

Note: The earth conductor must be left about 3 cm longer than the others.

FEEDER CABLE SPECIFICATIONS TYPE H05RR-F

Models EEC 863 ..

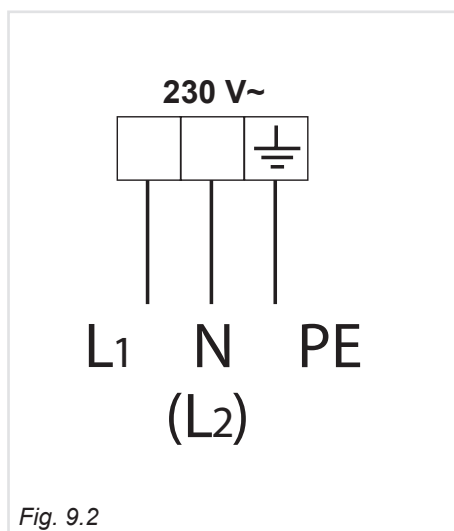
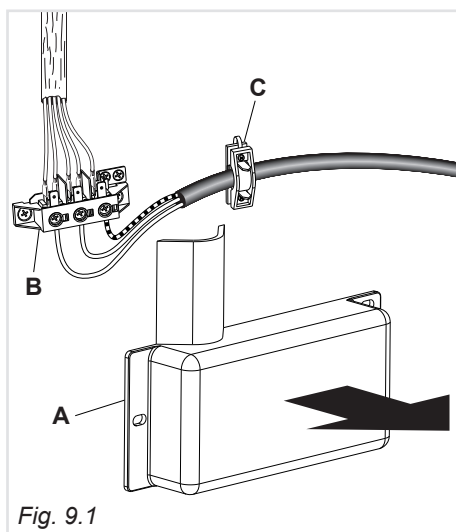
230 V~ 3 x 1,5 mm² (*) (**)

Models EEC 963 ..

230 V~ 3 x 2,5 mm² (**)

(*) Connection possible with plug and outlet

(**) Connection with wall box connection



The manufacturer cannot be held responsible for possible inaccuracies due to printing or transcription errors in the present booklet.

The manufacturer reserves the right to make all modifications to its products deemed necessary for manufacturer commercial reasons at any moment and without prior notice, without jeopardising the essential functional and safety characteristics of the appliances.

